## IAP12 Rec'd PCT/PTO 19 MAY 2006

## 252024.ST25 SEQUENCE LISTING

| <110>                            | LEONARD<br>LIPSKY,<br>MORSE,<br>ETTINGE<br>SPOLSKI | Peter<br>Herbert<br>R, Cath | t C.<br>nerine I | Rache      | :1         |           |             |           |            |            |           |           |
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| <120>                            | METHOD<br>DIFFERE                                  |                             |                  | EMORY      | / B C      | CELL      | DEVE        | LOPM      | IENT       | AND        | TERM      | IINAL     |
| <130>                            | 252024   |                             |                  |            |            |           |             |           |            |            |           |           |
| <150><br><151>                   | PCT/US0<br>2004-11                                 |                             | 5                |            |            |           |             |           |            |            |           |           |
| <150><br><151>                   | 60/523,<br>2003-11                                 |                             |                  |            |            |           |             |           |            |            |           |           |
| <160>                            | 16   |                             |                  |            |            |           |             |           |            |            |           |           |
| <170>                            | PatentI  | n versi                     | ion 3.3          |            |            |           |             |           |            |            |           |           |
| <210><br><211><br><212><br><213> | 1<br>160<br>PRT<br>Homo sa                         | piens                       |                  |            |            |           |             |           |            |            |           |           |
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| Met Ar                           | g Ser Se   | r Pro (<br>5                | Gly Asn          | Met        | Glu        | Arg<br>10 | Ile         | ۷al       | Ile        | Cys        | Leu<br>15 | Met       |
| val Il                           | e Phe Le<br>20                                     |                             | Thr Leu          | val        | His<br>25  | Lys       | Ser         | Ser       | Ser        | Gln<br>30  | Gly       | Gln       |
| Asp Ar                           | g His Me<br>35                                     | t Ile A                     | Arg Met          | Arg<br>40  | Gln        | Leu       | Ile         | Asp       | Ile<br>45  | val        | Asp       | Gln       |
| Leu Ly<br>50                     | s Asn Ty   | r Val A                     | Asn Asp<br>55    | Leu        | ٧a٦        | Pro       | Glu         | Phe<br>60 | Leu        | Pro        | Ala       | Pro       |
| Glu As<br>65                     | p Val Gl   |                             | Asn Cys<br>70.   | Glu        | Trp        | Ser       | Ala<br>75   | Phe       | Ser        | Cys        | Phe       | G]n<br>80 |
| Lys Al                           | a Gln Le   | u Lys !<br>85               | Ser Ala          | Asn        | Thr        | Gly<br>90 | Asn         | Asn       | Glu        | Arg        | 11e<br>95 | Ile       |
| Asn Va                           | l Ser Il<br>10                                     |                             | Lys Leu          | Lys        | Arg<br>105 | Lys       | Pro         | Pro       | Ser        | Thr<br>110 | Asn       | Ala       |
| Gly Ar                           | g Arg Gl<br>115                                    | n Lys I                     | His Arg          | Leu<br>120 | Thr        | Cys       | Pro         | Ser       | Cys<br>125 | Asp        | Ser       | Tyr       |
| Glu Ly                           | s Lys Pr   | o Pro I                     | Lys Glu          | Phe        | Leu        |           | Arg<br>Page | _         | Lys        | Ser        | Leu       | Leu       |

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130 135

Gln Lys Met Ile His Gln His Leu Ser Ser Arg Thr His Gly Ser Glu 145 150 155 160

<210> <211> <212> 146

<213> Mus musculus

<400>

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Ala His Lys Ser Ser Pro Gln Gly Pro Asp Arg Leu Leu Ile Arg Leu 20 25 30

Arg His Leu Ile Asp Ile Val Glu Gln Leu Lys Ile Tyr Glu Asn Asp 35 40 45

Leu Asp Pro Glu Leu Leu Ser Ala Pro Gln Asp Val Lys Gly His Cys 50 60

Glu His Ala Ala Phe Ala Cys Phe Gln Lys Ala Lys Leu Lys Pro Ser 65 70 75 80

Asn Pro Gly Asn Asn Lys Thr Phe Ile Ile Asp Leu Val Ala Gln Leu 85 90 95

Arg Arg Arg Leu Pro Ala Arg Arg Gly Gly Lys Lys Gln Lys His Ile 100 105 110

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Leu Ser 145

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Artificial

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